

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10276-093US1	Application No. 10/560,563
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant T. Keith Blackwell et al.			
		Filing Date February 15, 2007	Group Art Unit		

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	B1						

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C1	Bhat et al., "Structural insights and biological effects of glycogen synthase kinase 3-specific inhibitor AR-A014418," <i>J. Biol. Chem.</i> , 278:45937-45945 (2003).
	C2	Blackwell et al., "Formation of a monomeric DNA binding domain by Skn-1 bZIP and homeodomain elements," <i>Science</i> , 266:621-628 (1994).
	C3	Bowerman et al., "skn-1, a maternally expressed gene required to specify the fate of ventral blastomeres in the early <i>C. elegans</i> embryo," <i>Cell</i> , 68:1061-1075 (1992).
	C4	Bowerman et al., "The maternal gene skn-1 encodes a protein that is distributed unequally in early <i>C. elegans</i> embryos," <i>Cell</i> , 74:443-452 (1993).
	C5	C. elegans Sequencing Consortium, "Genome sequence of the nematode <i>C. elegans</i> : a platform for investigating biology," <i>Science</i> , 282:2012-2018 (1998).
	C6	Cohen et al., "The renaissance of GSK3," <i>Mol. Cell Biol.</i> , 2:769-776 (2001).
	C7	Delaunay et al., "A thiol peroxidase is an H2O2 receptor and redox-transducer in gene activation," <i>Cell</i> , 111:471-481 (2002).
	C8	Gaudet et al., "Regulation of organogenesis by the <i>Caenorhabditis elegans</i> FoxA protein PHA-4," <i>Science</i> , 295:821-825 (2002).
	C9	Harris et al., "WormBase: a cross-species database for comparative genomics," <i>Nucleic Acids Research</i> , 31:133-137 (2003).
	C10	Hayes et al., "Molecular basis for the contribution of the antioxidant responsive element to cancer chemoprevention," <i>Cancer Letters</i> , 174:103-113 (2001).
	C11	Itoh et al., "Keap1 represses nuclear activation of antioxidant responsive elements by Nrf2 through binding to the amino-terminal Neh2 domain," <i>Genes Dev.</i> , 13:76-86 (1999).
	C12	MacAulay et al., "Use of lithium and SB-415286 to explore the role of glycogen synthase kinase-3 in the regulation of glucose transport and glycogen synthase," <i>Eur. J. Biochem.</i> , 270:3829-3838 (2003).
	C13	Maduro et al., "Restriction of mesendoderm to a single blastomere by the combined action of SKN-1 and a GSK-3beta homolog is mediated by MED-1 and -2 in <i>C. elegans</i> ," <i>Mol. Cell</i> , 7:475-485 (2001).
	C14	Nguyen et al., "Increased protein stability as a mechanism that enhances Nrf2-mediated transcriptional activation of the antioxidant response element. Degradation of Nrf2 by the 26 S proteasome," <i>J. Biol. Chem.</i> , 278:4536-4541 (2003).

Examiner Signature	Date Considered
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	C15	Stein et al., "WormBase: network access to the genome and biology of <i>Caenorhabditis elegans</i> ," <i>Nucleic Acids Research</i> , 29:82-86 (2001).
	C16	Sekhar et al., "Nrf2 degradation by the ubiquitin proteasome pathway is inhibited by KIAA0132, the human homolog to INrf2," <i>Oncogene</i> , 21:6829-6834 (2002).
	C17	Stewart et al., "Degradation of transcription factor Nrf2 via the ubiquitin-proteasome pathway and stabilization by cadmium," <i>J. Biol. Chem.</i> , 278:2396-2402 (2003).
	C18	Thatcher et al., "The <i>Caenorhabditis elegans</i> <i>peb-1</i> gene encodes a novel DNA-binding protein involved in morphogenesis of the pharynx, vulva, and hindgut," <i>Dev. Biol.</i> , 229:480-493 (2001).
	C19	Toone et al., "AP-1 transcription factors in yeast," <i>Curr. Opin. Genet. Div.</i> , 9(1):55-61 (1999).
	C20	Toone et al., "Redox control of AP-1-like factors in yeast and beyond," <i>Oncogene</i> , 20:2336-2346 (2001).
	C21	WormBase reference #F37B12.2
	C22	WormBase reference #F39B2.3
	C23	WormBase reference #M176.2
	C24	WormBase reference #T19E7
	C25	Walker et al., "A conserved transcription motif suggesting functional parallels between <i>Caenorhabditis elegans</i> SKN-1 and Cap'n'Collar-related basic leucine zipper proteins," <i>J. Biol. Chem.</i> , 275:22166-22171 (2000).
	C26	Yost et al., "GBP, an inhibitor of GSK-3, is implicated in <i>Xenopus</i> development and oncogenesis," <i>Cell</i> , 93:1031-1041 (1998).

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